

## INTERNATIONAL SEARCH REPORT

 International application No.  
 PCT/KR2004/003157
**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 H04R 7/04**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols).

IPC7 H04R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
KR, JP: IPC as aboveElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
eKIPASS**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2001-169389 A (CITIZEN ELECTRONICS CO LTD) 22 June 2001 See abstract, fig.1.	1-9
A	JP 58-162197 A (SANYO ELECTRIC CO LTD) 26 September 1983 See abstract, fig. 3, 4	1-9
A	JP 56-058398 A (MATSUSHITA ELECTRIC IND CO LTD) 21 May 1981 See abstract, fig.3, 5	1-9
A	JP 06-269089 A (T W DENKI KK) 22 September 1994 See abstract, fig.1	1-9

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

## \* Special categories of cited documents:

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Date of the actual completion of the international search

22 MARCH 2005 (22.03.2005)

Date of mailing of the international search report

22 MARCH 2005 (22.03.2005)

Name and mailing address of the ISA/KR


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